FIG. 1
PRIOR ART

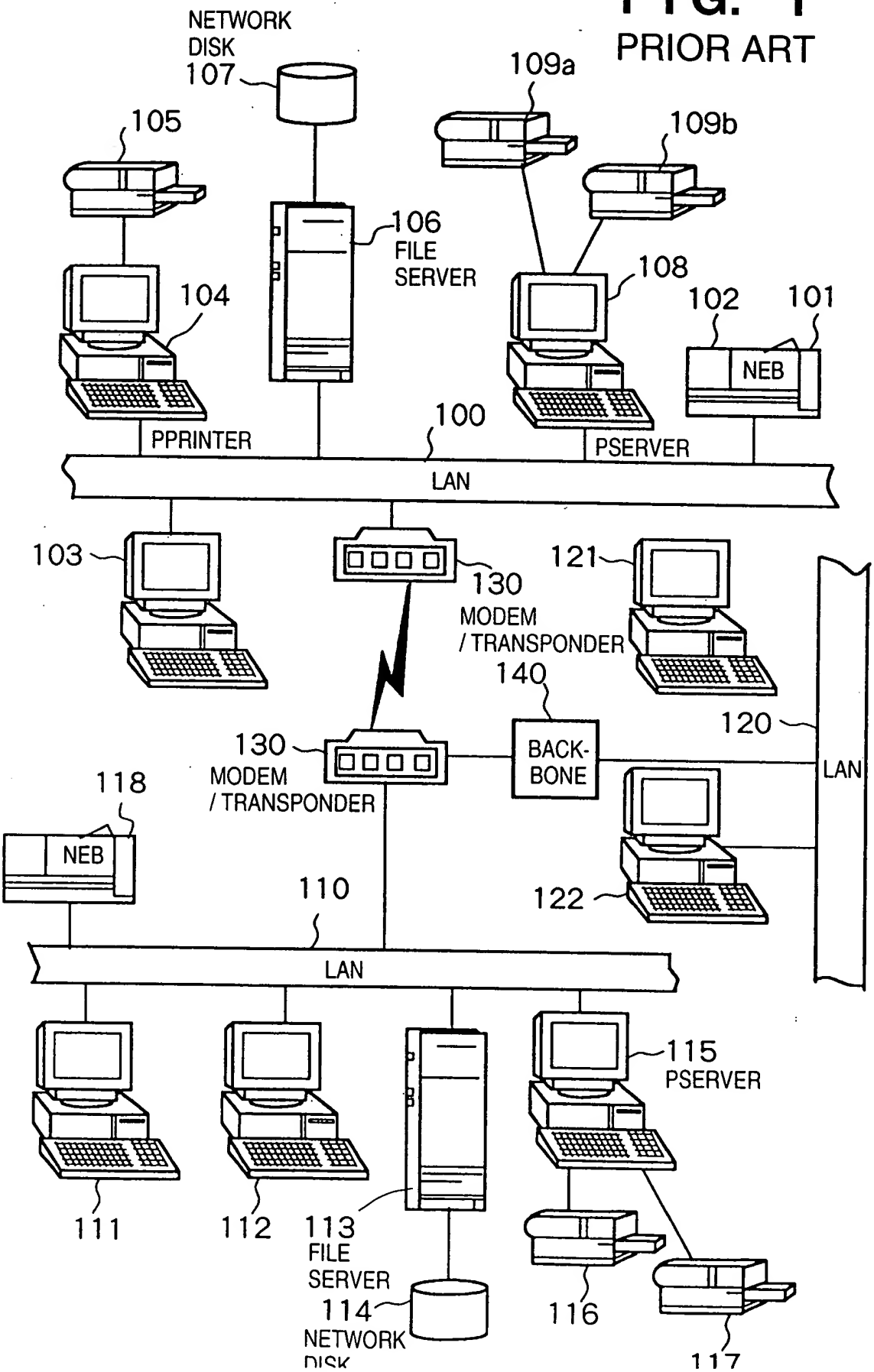


FIG. 2
PRIOR ART

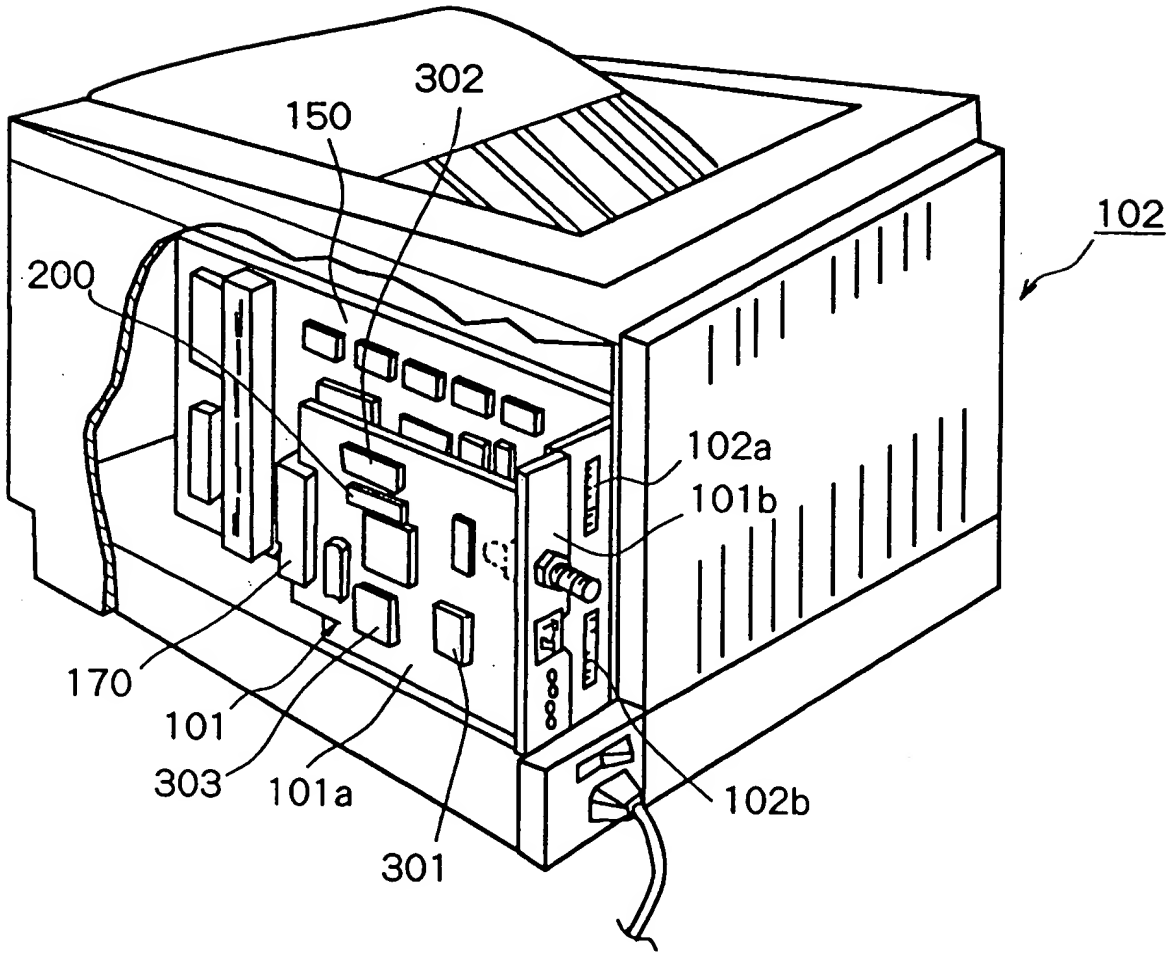


FIG. 3
PRIOR ART

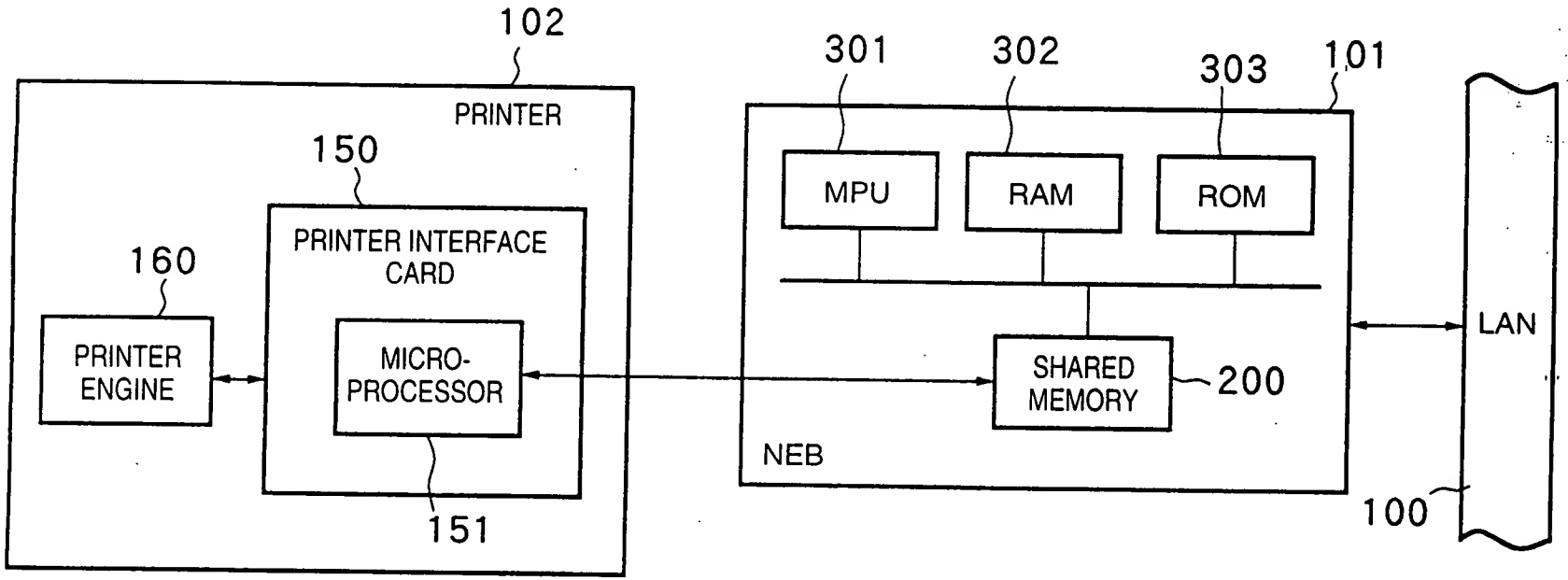
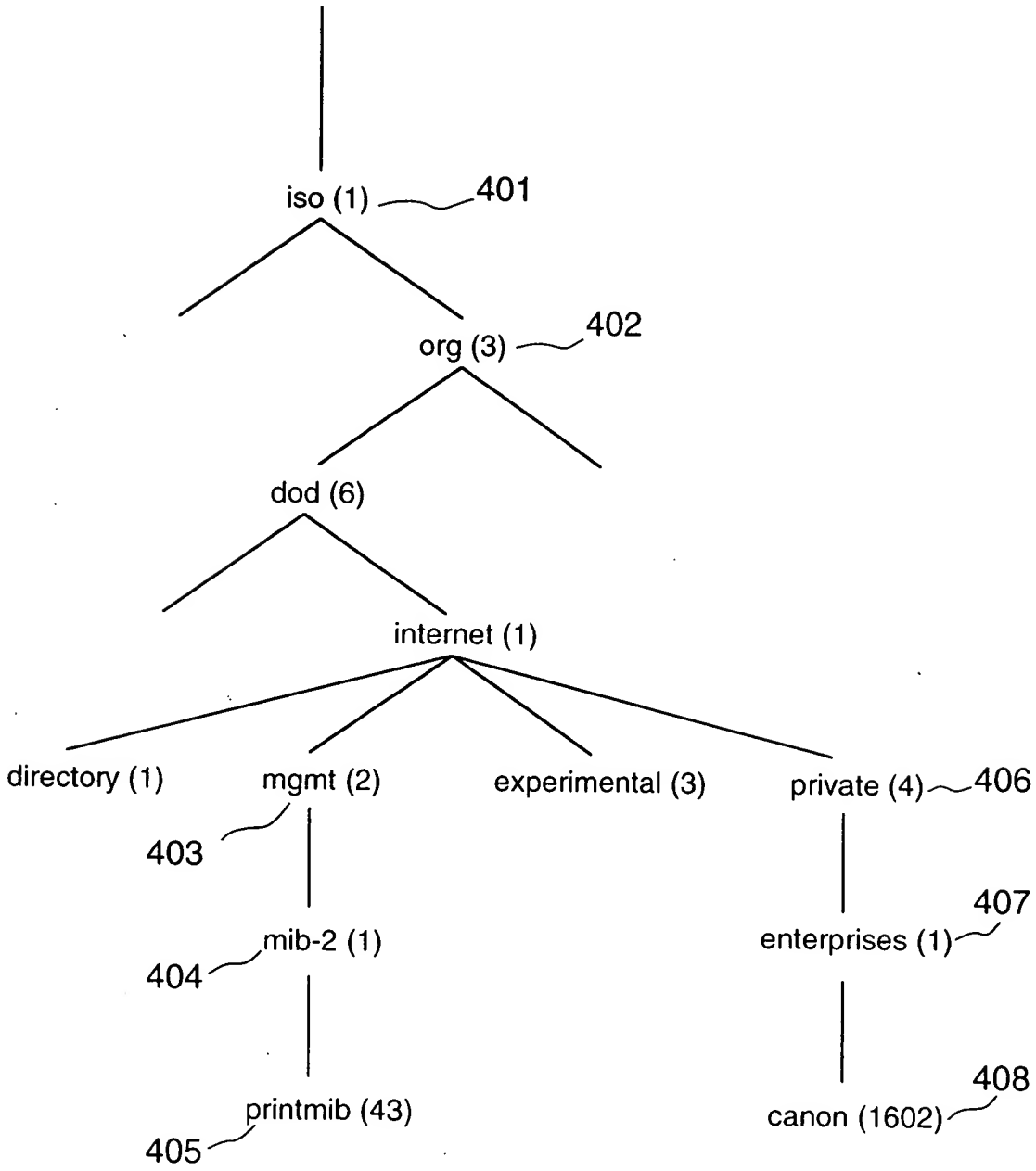


FIG. 4
PRIOR ART



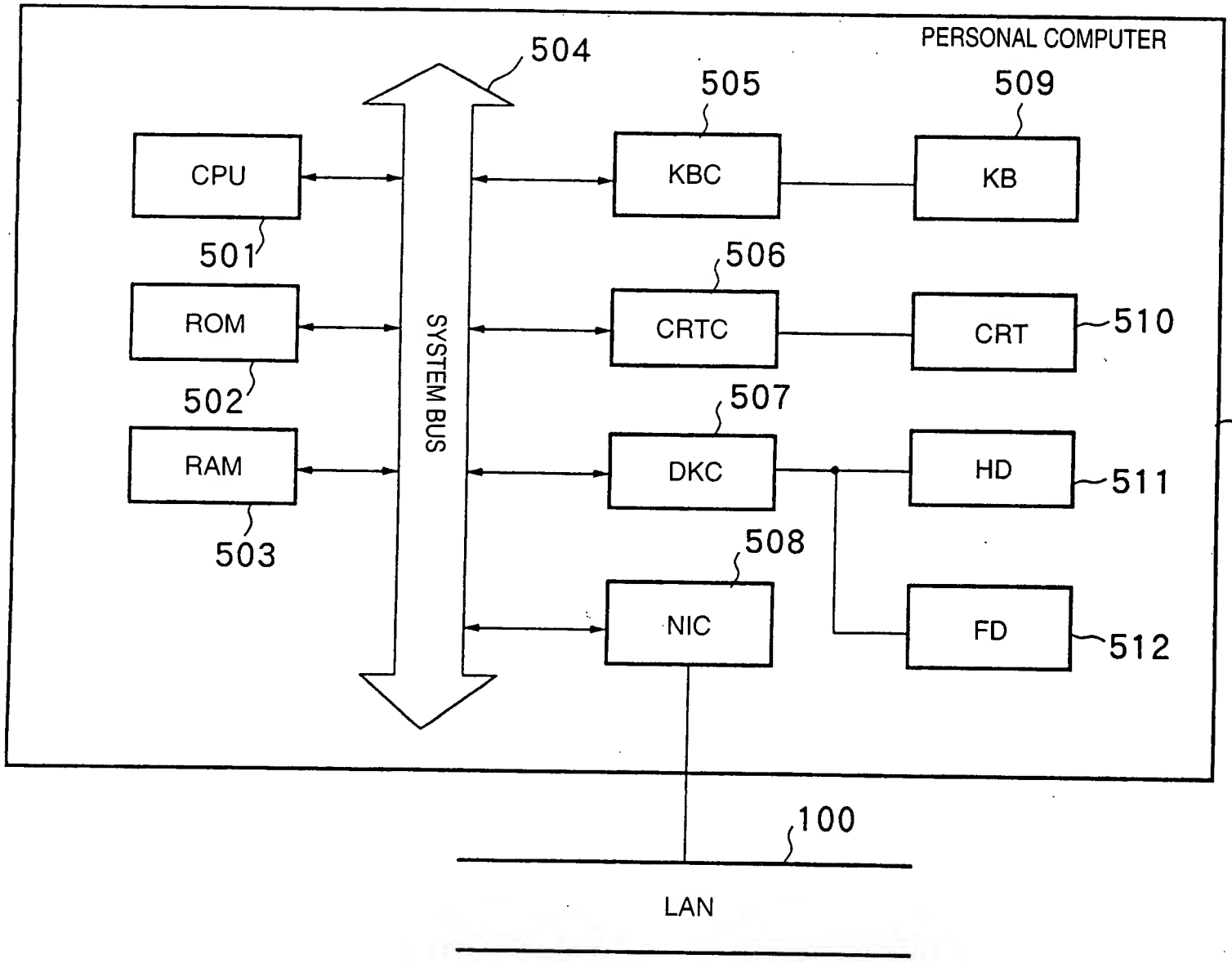


FIG. 5
PRIOR ART

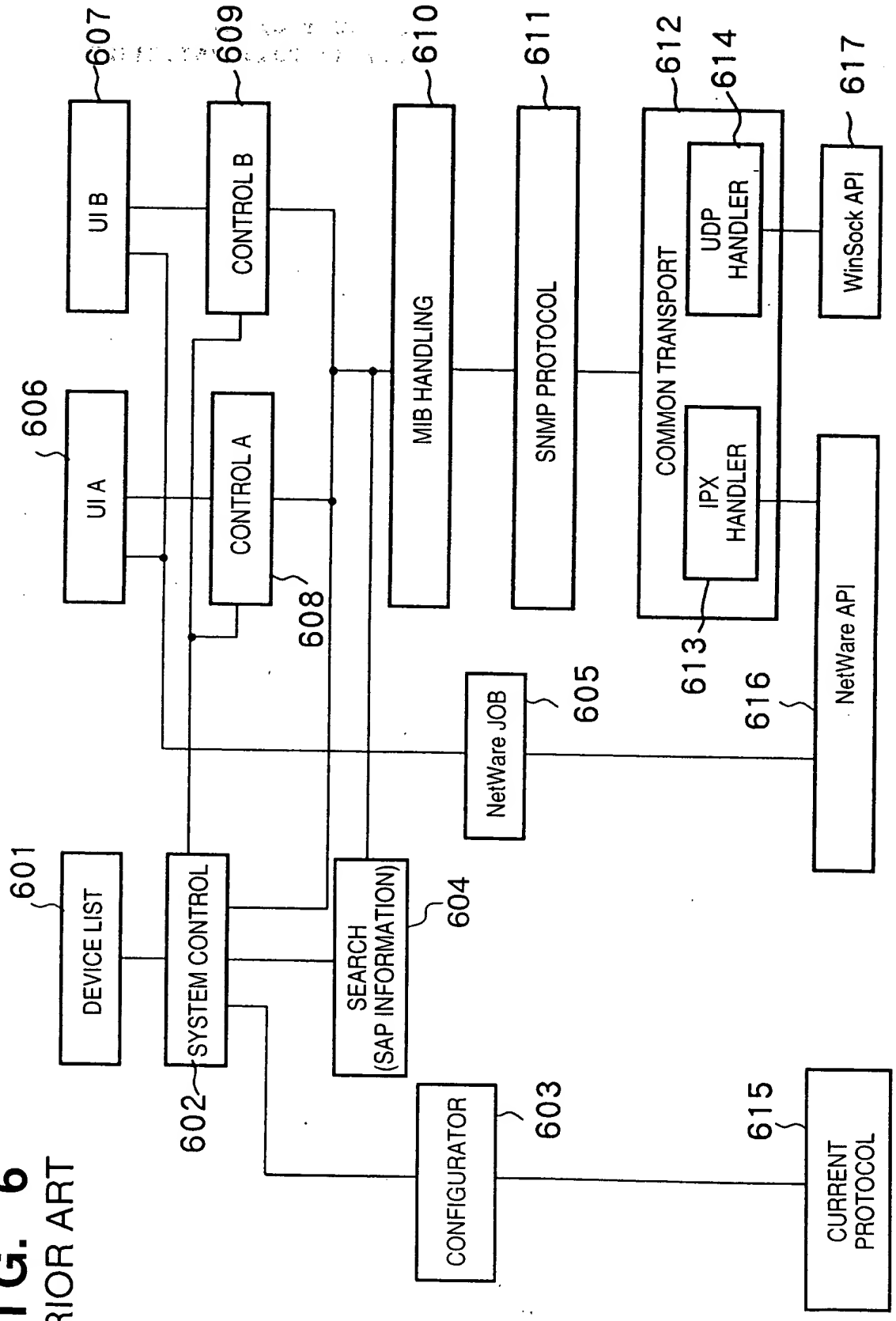


FIG. 6
PRIOR ART

FIG. 7
PRIOR ART

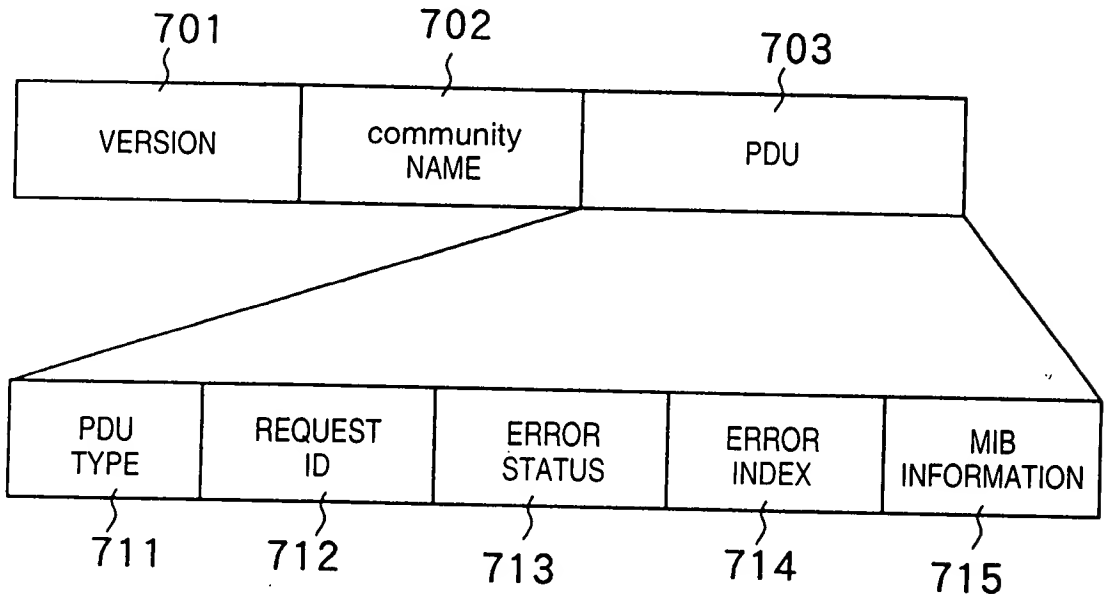


FIG. 8
PRIOR ART

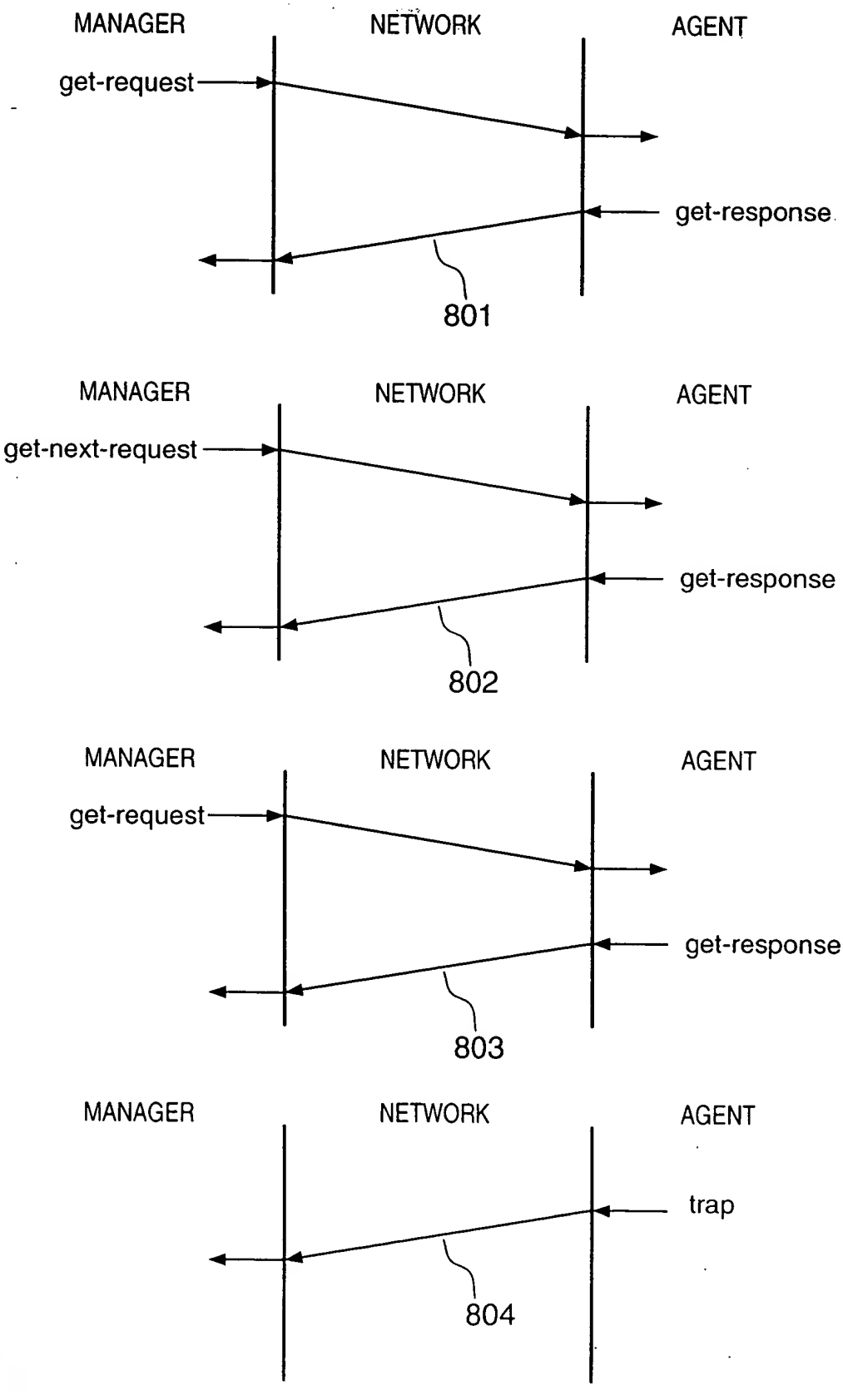


FIG. 9
PRIOR ART

901

```
BOOL MIBOpen (int *port, ADDR ADDR * addr ) ;
```

902

```
BOOL MIBReadObjects (int port, int count, MIBOBJ *obj,
                     CALLBACK respproc ) ;
```

903

```
BOOL MIBWriteObjects (int port, int count, MIBOBJVAL *objval,
                      CALLBACK respproc ) ;
```

904

```
BOOL MIBClose (int port) ;
```

905

```
typedef VOID (*CALLBACK) (int port, ADDR *addr, INT result,
                          int count, MIBOBJVAL *objval ) ;
```

FIG. 10
PRIOR ART

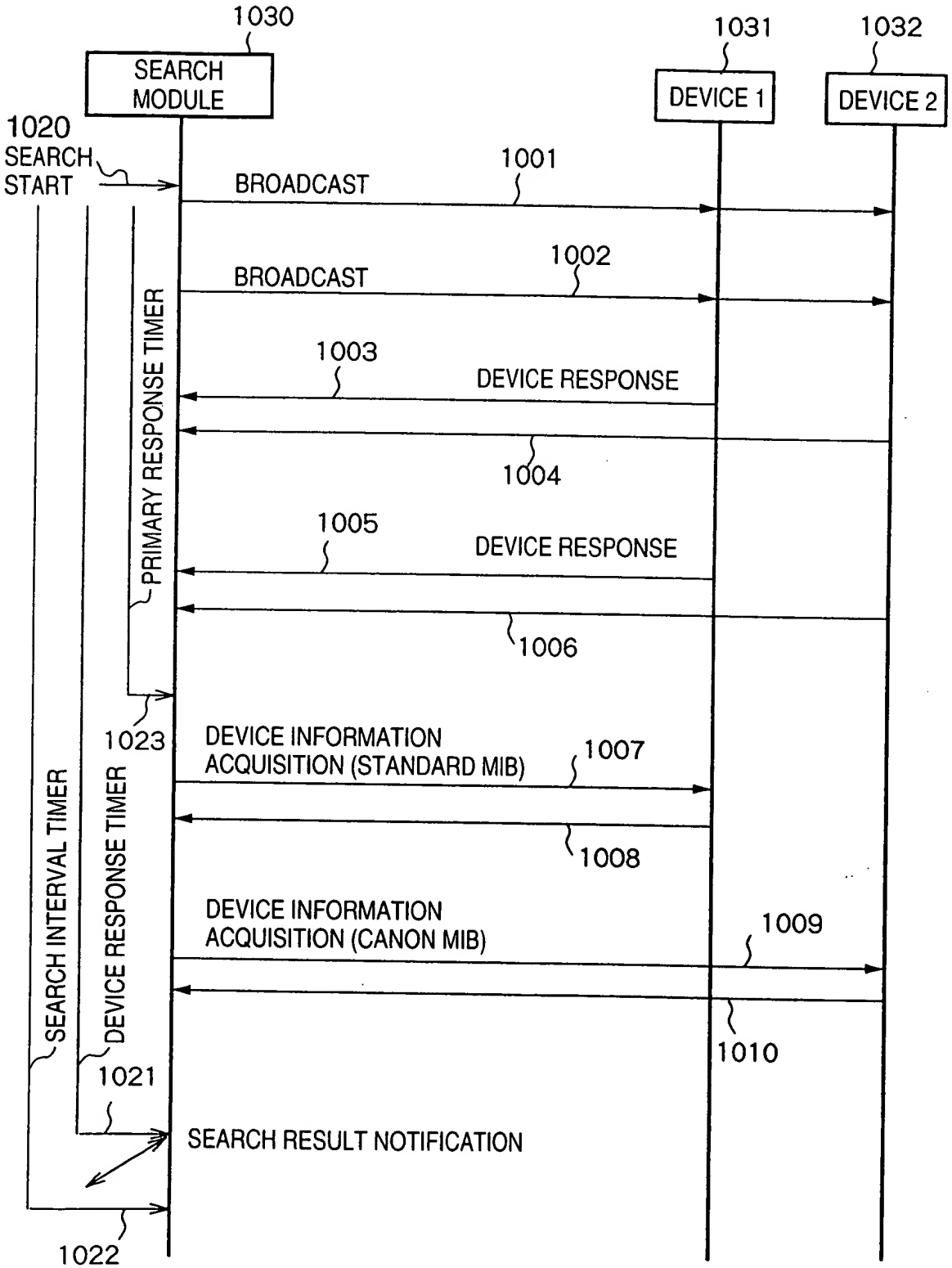


FIG. 11

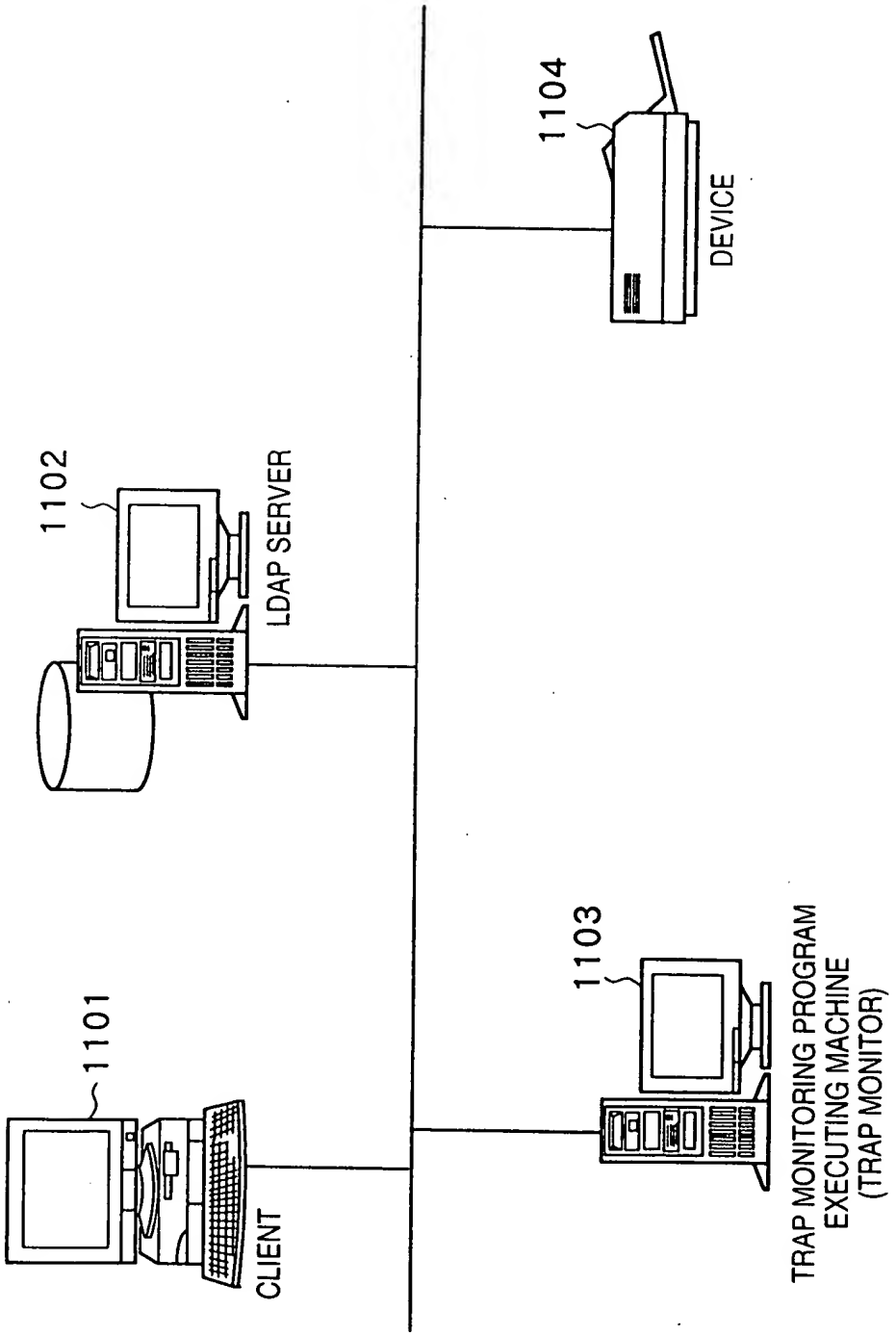

1101
CLIENT
1102
LDAP SERVER
1103
TRAP MONITORING PROGRAM
EXECUTING MACHINE
(TRAP MONITOR)
1104
DEVICE

FIG. 12

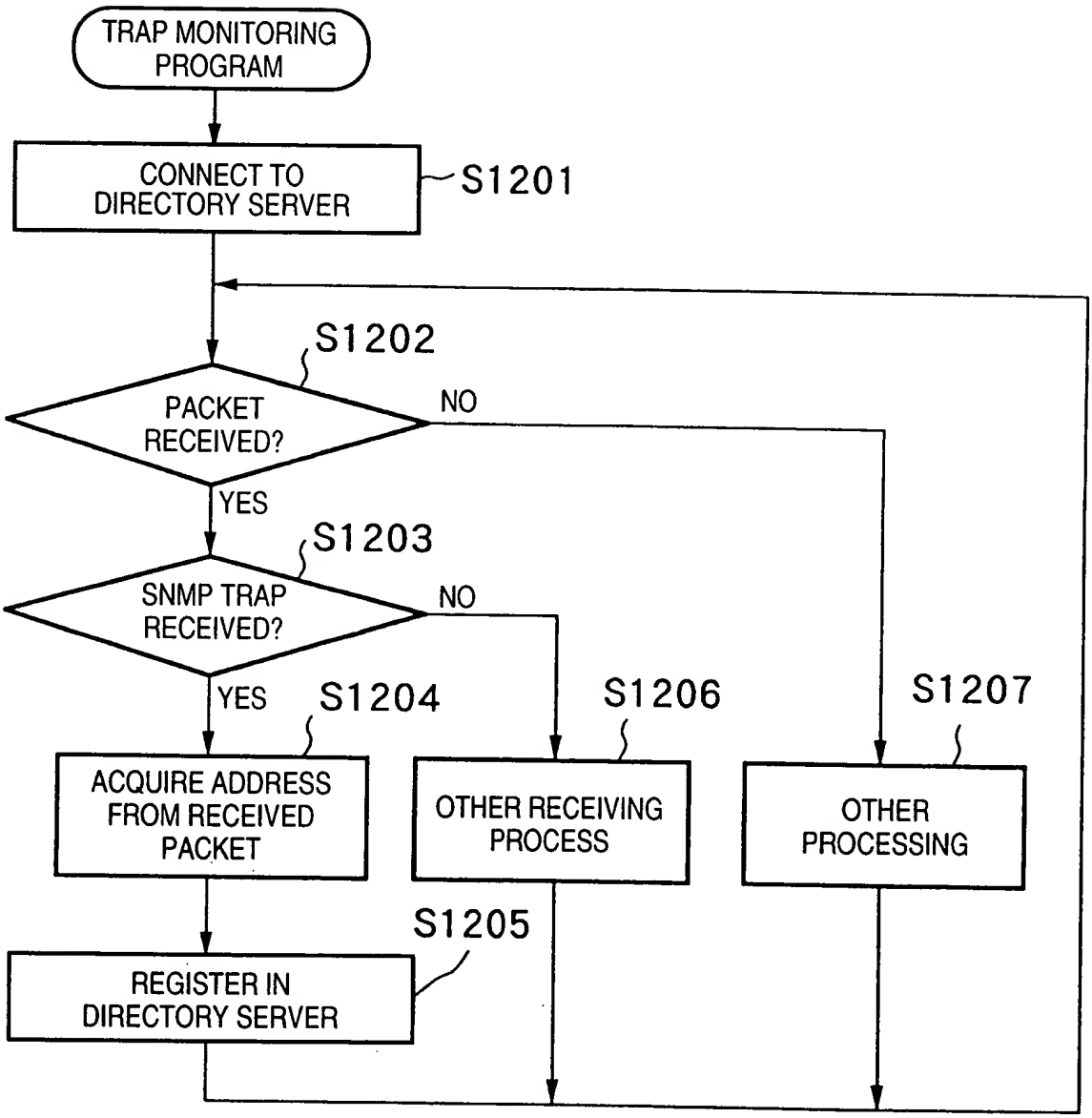

TRAP MONITORING PROGRAM
CONNECT TO DIRECTORY SERVER
S1201
S1202
PACKET RECEIVED?
NO
YES
S1203
SNMP TRAP RECEIVED?
NO
YES
S1204
S1206
S1207
ACQUIRE ADDRESS FROM RECEIVED PACKET
OTHER RECEIVING PROCESS
OTHER PROCESSING
S1205
REGISTER IN DIRECTORY SERVER

FIG. 13

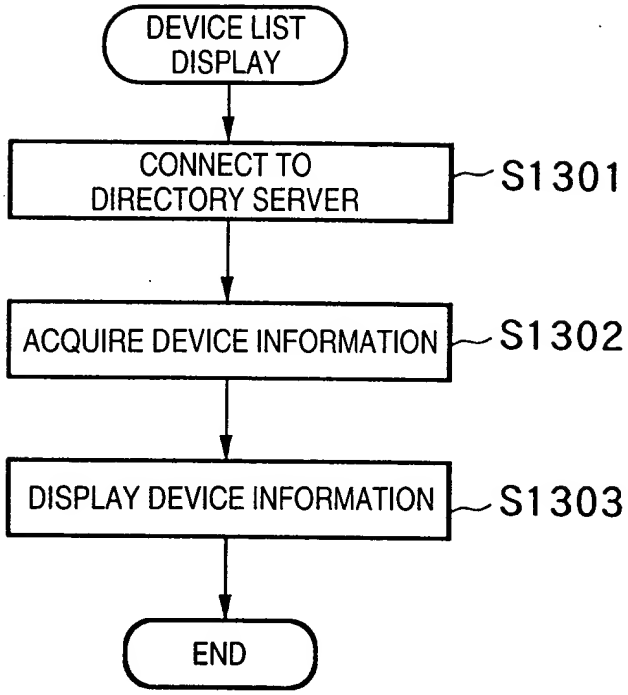

DEVICE LIST DISPLAY
CONNECT TO DIRECTORY SERVER
S1301
ACQUIRE DEVICE INFORMATION
S1302
DISPLAY DEVICE INFORMATION
S1303
END

FIG. 14

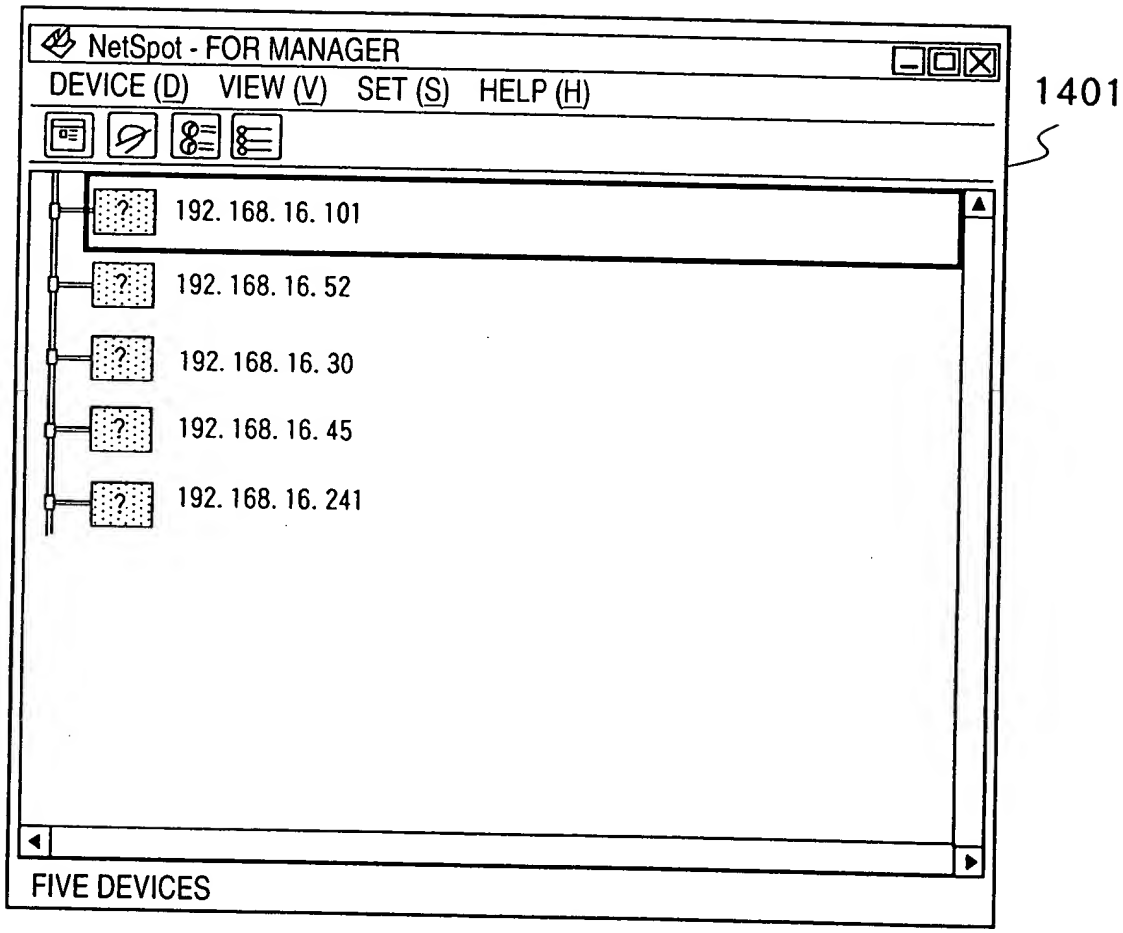

NetSpot - FOR MANAGER
DEVICE (D) VIEW (V) SET (S) HELP (H)
192. 168. 16. 101
192. 168. 16. 52
192. 168. 16. 30
192. 168. 16. 45
192. 168. 16. 241
FIVE DEVICES
1401

FIG. 15

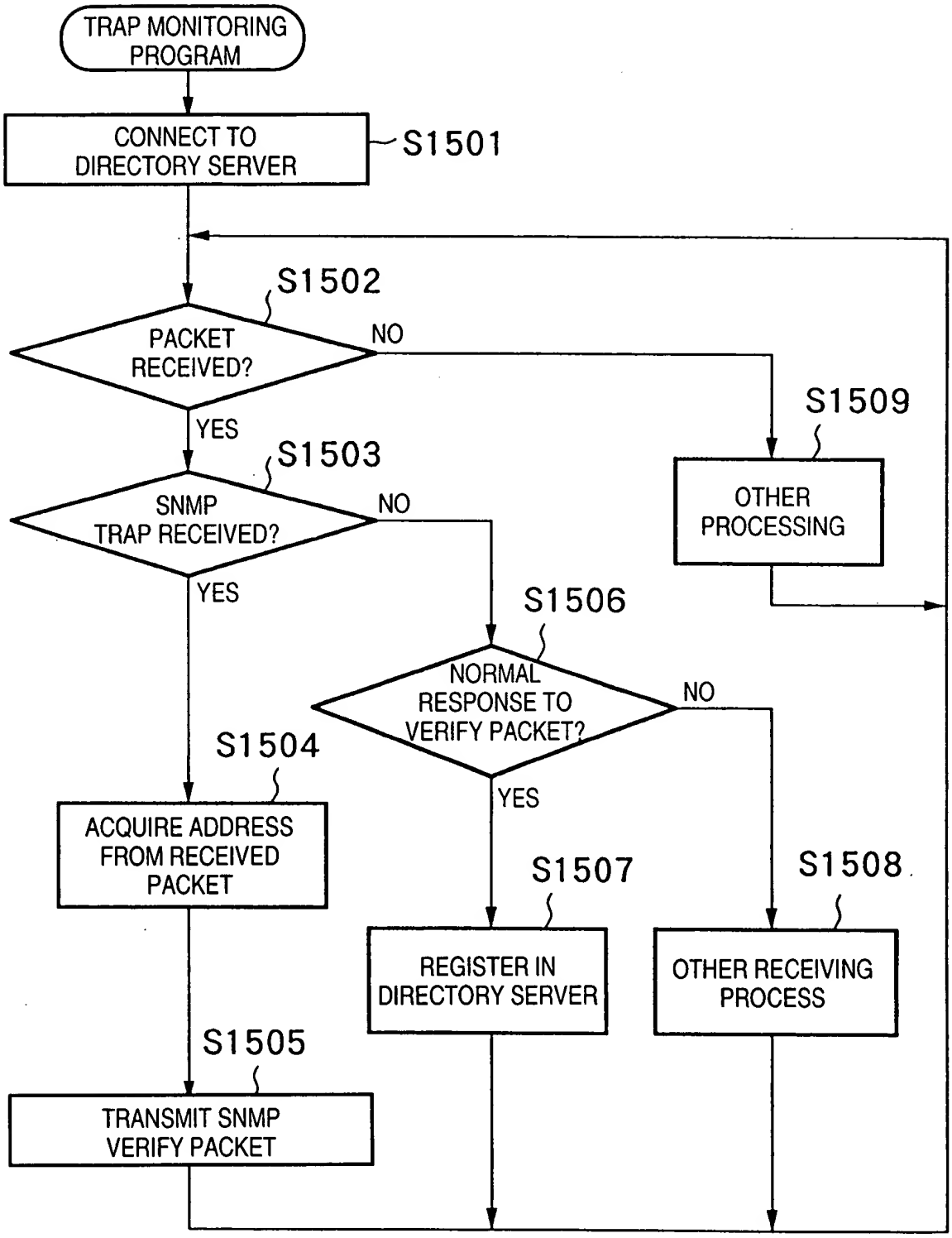

TRAP MONITORING PROGRAM
CONNECT TO DIRECTORY SERVER
S1501
S1502
PACKET RECEIVED?
NO
YES
S1509
OTHER PROCESSING
S1503
SNMP TRAP RECEIVED?
NO
YES
S1506
NORMAL RESPONSE TO VERIFY PACKET?
NO
YES
S1504
ACQUIRE ADDRESS FROM RECEIVED PACKET
S1507
REGISTER IN DIRECTORY SERVER
S1508
OTHER RECEIVING PROCESS
S1505
TRANSMIT SNMP VERIFY PACKET

FIG. 16

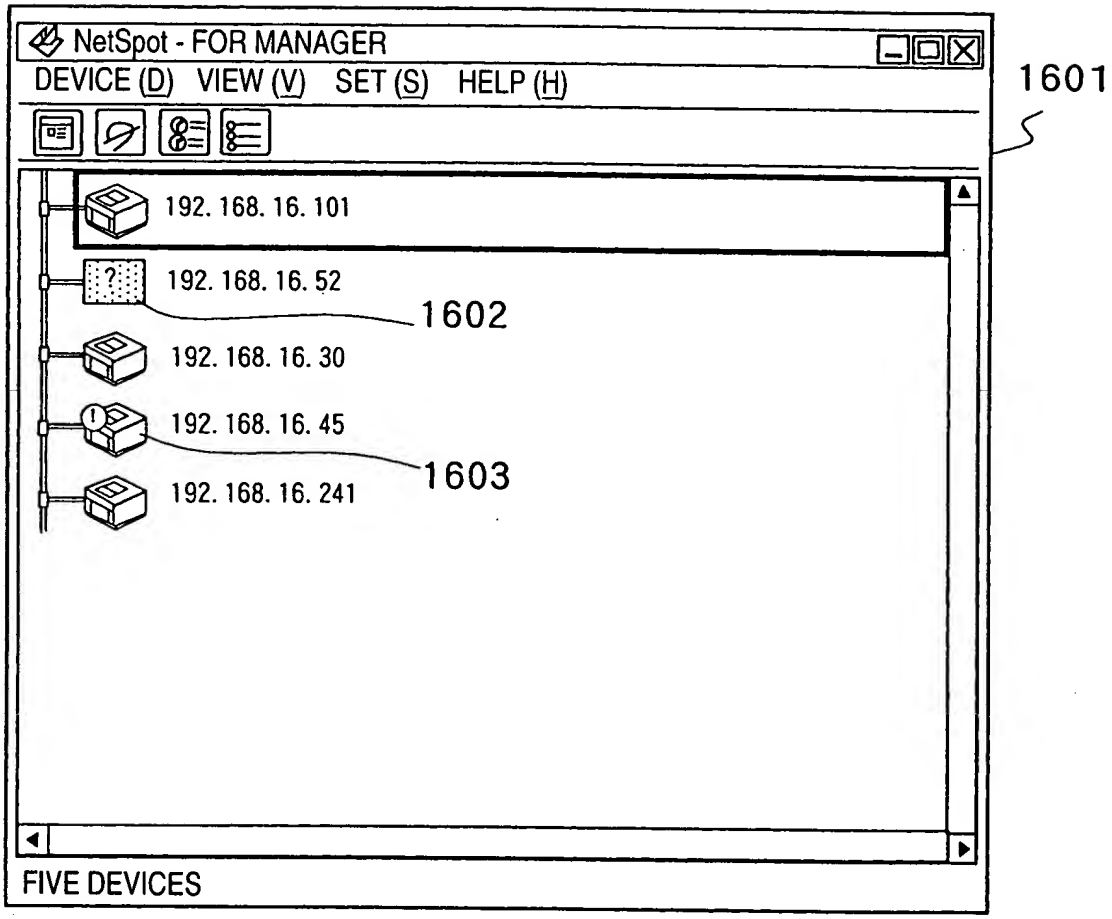
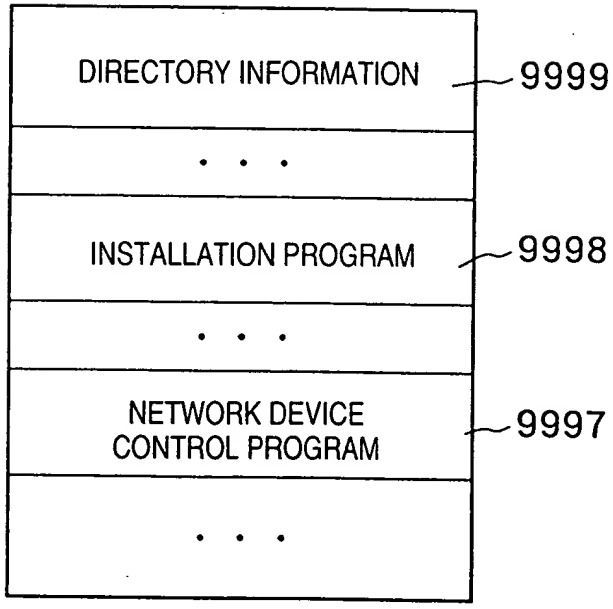

NetSpot - FOR MANAGER
DEVICE (D) VIEW (V) SET (S) HELP (H)
1601
192. 168. 16. 101
192. 168. 16. 52
1602
192. 168. 16. 30
192. 168. 16. 45
1603
192. 168. 16. 241
FIVE DEVICES

FIG. 17


DIRECTORY INFORMATION
9999
INSTALLATION PROGRAM
9998
NETWORK DEVICE CONTROL PROGRAM
9997